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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/046,864	
	Filing Date	1/13/02	
	First Named Inventor	Steven Teig	
	Group Art Unit	<none yet>	
	Examiner Name	<none yet>	
Total Number of Pages in This Submission	*	Attorney Docket Number	SPLX.P0052

Enclosures (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declarations(s) <input type="checkbox"/> Preliminary Amendment <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Request to Rescind Previous Non-Publication Request <input checked="" type="checkbox"/> Information Disclosure Statement and PTO-1449 <input type="checkbox"/> Certified Copy of Priority Documents <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosures (listed below): Postcard 32 References

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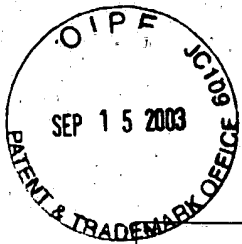
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm Or Individual name	Mari Adeli, Reg. No. 39,585 of Stattler Johansen & Adeli LLP
Signature	
Date	September 12, 2003

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date: 9/12/03	
Typed or printed name	Mari Adeli
Signature	
Date	September 12, 2003

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PATENT
Docket No. SPLX.P0052

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Mani Aden

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Steven Teig

Serial No.: 10/046,864

Filing Date: 1/13/02

For: METHOD AND APPARATUS FOR
PRE-COMPUTING ATTRIBUTES OF
ROUTES

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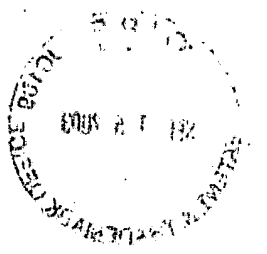
INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97

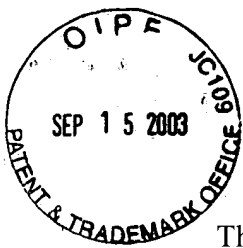
Commissioner for Patents
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Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record. Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

This Information Disclosure Statement is submitted within three months of the application filing date or before the mailing date of a first Office Action on the merits; accordingly, no fee or separate requirements are required.





This Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 50-1128** referencing SPLX.P0052. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: September 12, 2003

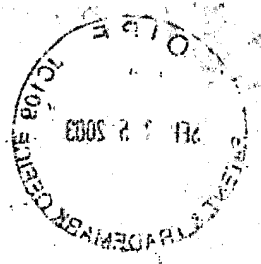
Respectfully submitted,

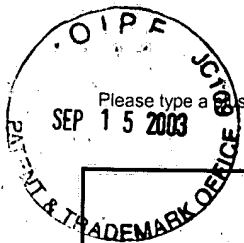
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/046,864	
			Filing Date	1/13/02	
			First Named Inventor	Steven Teig	
			Group Art Unit		
			Examiner Name		
Sheet	1	of	1	Attorney Docket Number	SPLX.P0052

RELATED U.S. PATENT DOCUMENTS					
Examiner * Initials	Cite No. ¹	U.S. Patent Document Number	Date of filing MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Related Application Data
	1.	2003/0079193	12/07/2001	Steven Teig et al.	Parent application; present application is a continuation of 2003/079193.
	2.	2003/0018947	12/07/2001	Steven Teig et al.	Application filed on the same day as the parent application 2003/0079193, with the same specification as the present application except for summary and abstract.
	3.	2002/0147958	10/19/2001	Steven Teig et al.	Parent application per the preliminary amendment dated 2/19/03.
	4.	2003/0063614	01/04/2002	Steven Teig et al.	Application with some of the same parent provisional applications and with the same specification as the present application except for summary and abstract.
	5.	2003/0064559	01/04/2002	Steven Teig et al.	Application with some of the same parent provisional applications and with the same specification as the present application except for summary and abstract.
	6.	2003/0063568	01/04/2002	Steven Teig et al.	Application with some of the same parent provisional applications and with the same specification as the present application except for summary and abstract.
	7.	2003/0101428	01/05/2002	Steven Teig et al.	Continuation of 2003/0079193.
	8.	2002/0166105	01/05/2002	Steven Teig et al.	Continuation of 2003/0079193.
	9.	2003/0043827	01/05/2002	Steven Teig et al.	Continuation of 2003/0079193.
	10.	2003/0023943	01/05/2002	Steven Teig et al.	Continuation of 2003/0079193.
	11.	2003/0066042	01/05/2002	Steven Teig et al.	Continuation of 2003/0079193.
	12.	2002/0174412	01/07/2002	Steven Teig et al.	Continuation of 2003/0079193.
	13.	2003/0088844	01/07/2002	Steven Teig et al.	Continuation of 2003/0079193.
	14.	2003/0066043	01/13/2002	Steven Teig et al.	Continuation of 2003/0088844 per preliminary amendment.

Examiner Signature		Date Considered	
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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				Filing Date	1/13/02
				First Named Inventor	Steven Teig
				Group Art Unit	
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	SPLX.P0052

RELATED U.S. PATENT DOCUMENTS						
	15.	2003/0115566		01/13/2002	Steven Teig	Continuation of 2003/0088844 per preliminary amendment.
	16.	2003/0056187		01/14/2002	Steven Teig et al.	Continuation of 2003/0079193.
	17.	2003/0066044		01/13/2002	Steven Teig et al.	Application with some of the same parent provisional applications and with the same specification as the present application except for summary and abstract.
	18.	2003/0066045		01/13/2002	Steven Teig et al.	Application with some of the same parent provisional applications and with the same specification as the present application except for summary and abstract.
	19.	2002/0133798		12/06/2000	Steven Teig et al.	Application regarding related placement technology
	20.	2002/0100007		12/06/2200	Steven Teig et al.	Parent application; present application is a CIP of 2002/0100007.
	21.	2002/0073390		12/13/2000	Steven Teig et al.	Application regarding related placement technology
	22.	S/N 09/737,220		12/13/2000	Steven Teig et al.	Application regarding related placement technology
	23.	S/N 09/737,245		12/13/2000	Steven Teig et al.	Application regarding related placement technology
	24.	S/N 09/739,460		12/15/2000	Steven Teig et al.	Continuation of parent 2002/0100007.
	25.	2002/0124231		12/15/2000	Steven Teig et al.	Continuation of parent 2002/0100007.
	26.	S/N 09/739,589		12/15/2000	Steven Teig et al.	Continuation of parent 2002/0100007.
	27.	S/N 09/742,171		12/19/2000	Steven Teig et al.	Continuation of parent 2002/0100007.
	28.	2003/0121015		12/19/2000	Steven Teig et al.	Continuation of parent 2002/0100007.
	29.	2002/0069397		01/13/2002	Steven Teig et al.	CIP of parent 2002/0100007.
	30.	2002/0170027		02/20/2002	Steven Teig et al.	CIP of parent 2002/0100007.
	31.	2002/0157075		02/20/2002	Steven Teig et al.	CIP of parent 2002/0100007.
	32.	2003/0088841		12/23/2002	Steven Teig et al.	Application regarding related placement technology.

Examiner Signature		Date Considered	
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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